



Certificate of Analysis

Client: PHILIPPA LAMBOURNE
(G281) FREELAND HORTICULTURE LTD
ROSEDALE NURSERY
COLLEGE ROAD
HEXTABLE
KENT BR8 7LT

Originator: ASTLEY MAY 21
SOIL

Lab ID: 49425 - 512222
Sample ID: ASTLEY MAY 21
Fresh Sample Weight: 1275 (g)

Date Received: 16/04/2021
Date Reported: 26/04/2021

BS 8601 : 2013 SPECIFICATION FOR SUBSOIL Multipurpose Grade

		Unit	Result	Compliant with range (Y/N)		
				Multi-P	Acid	Calc
Texture:	Clay	% w/w	7	See area of permitted soil textural classes in Fig. 1.		
	Silt	% w/w	9			
	Sand	% w/w	84			
	Textural Class		Loamy Sand			
Mass Loss on Ignition:		% w/w	<0.5	Y	Y	Y
Coarse	>2 mm	% w/w	2.0	Y	Y	Y
Fragment	>20 mm	% w/w	0.0	Y	Y	Y
Content:	>75 mm	% w/w	0.0	Y	Y	Y
Soil pH:			5.5	Y	Y	N
Carbonate:		% w/w	<1			N
Exchangeable Sodium Percentage:		%	0.5	Y	Y	Y
Phytotoxic Contaminants:	Total Zinc	mg/kg	<10	Y	Y	Y
	Total Copper	mg/kg	1.9	Y	Y	Y
	Total Nickel	mg/kg	<10	Y	Y	Y
Visible Contaminants:	> 2mm	% w/w	0.00	Y	Y	Y
	Plastics	% w/w	0.00	Y	Y	Y
	Sharps	% w/w	0.00	Y	Y	Y
	Weight of Sharps	g	0.0			
Available Plant Nutrients:	Phosphorus	mg/l	11.4 (1)*			
	Potassium	mg/l	55.2 (0)*			
	Magnesium	mg/l	205.2 (4)*			
Additional Analysis:	Available Sodium	mg/l	5.5			
	Available Calcium	mg/l	665.0			
	Conductivity	uS/cm	2010			
	Conductivity CaSO4 Adj.	uS/cm	50			
Compliance:				Y	Y	N

Results are expressed on a dry matter basis.

* Soil indices from RB209

Released by:

Myles Nicholson

Date: 26/04/2021

DECLARATION:

I certify that this sample has been analysed by NRM Ltd. in accordance with BS 8601 Specification for Subsoil (2013).

NRM Coopers Bridge, Braziers Lane, Bracknell, Berkshire RG42 6NS

Tel: +44 (0) 1344 886338 **Fax:** +44 (0) 1344 890972 **Email:** enquiries@nrm.uk.com **www:** nrm.uk.com



Analytical Report

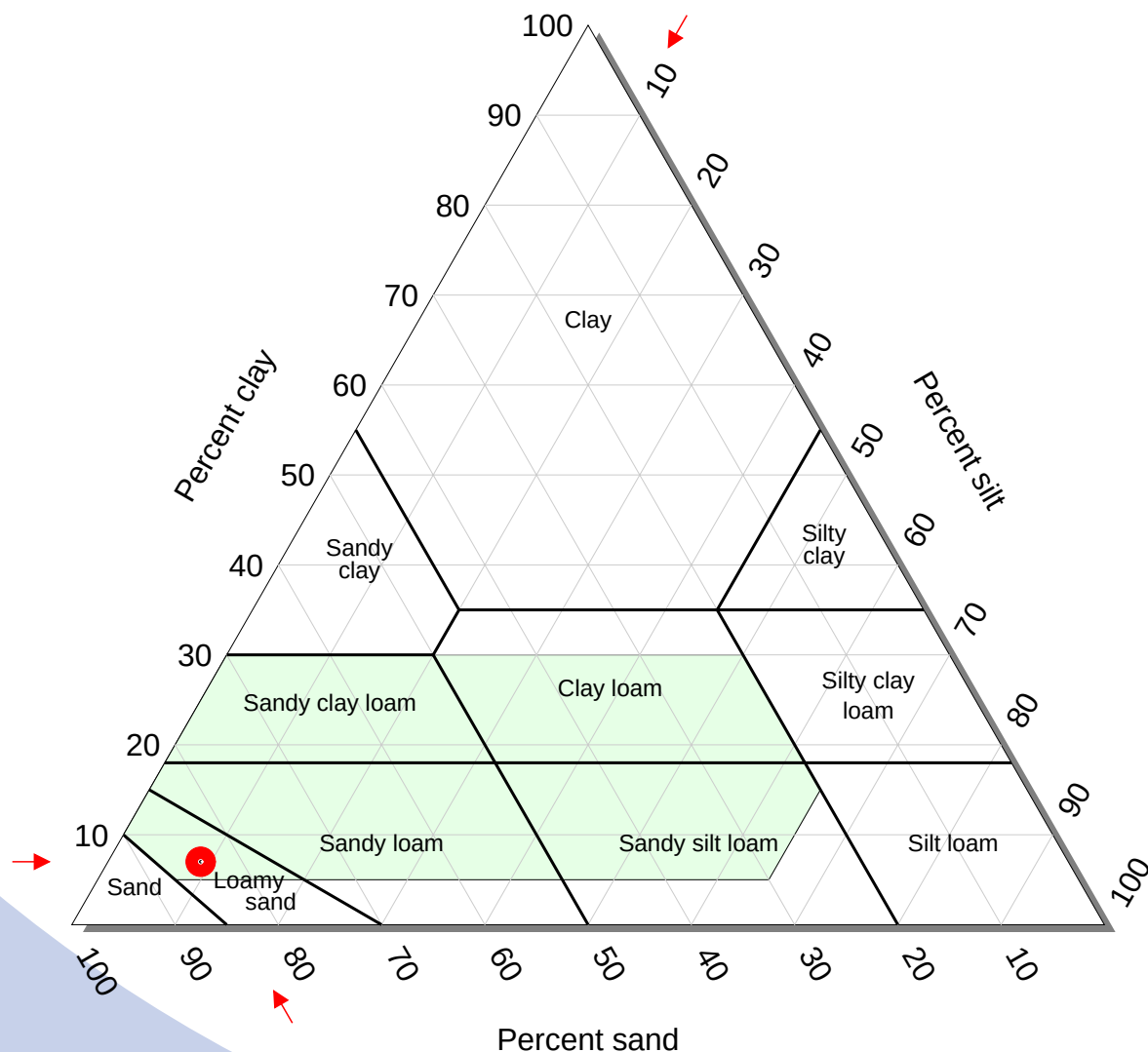
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Fig. 1. Textural Class: Loamy Sand (compliant)



Key



Area within which texture of subsoil is required to fall.